NUMBER SENSE STANDARDS
3-5

Indicator 1:   Use the structural characteristics of a set of real numbers and its various subsets.

Third Grade	Fourth Grade	Fifth Grade
3.N.1.1. (Comprehension) Order and compare whole numbers less than 10,000 using appropriate words and symbols.	4.N.1.1. (Comprehension) Read, write, order, and compare numbers from .01 to 1,000,000.	5.N.1.1. (Comprehension) Read, write, order, and compare numbers from .001 to 1,000,000,000.
3.N.1.2. (Comprehension) Find multiples of whole numbers 2, 5, and 10.	4.N.1.2. (Comprehension) Find multiples of whole numbers through 12.	5.N.1.2. (Comprehension) Find prime, composite, and factors of whole numbers from 1 to 50.
3.N.1.3. (Knowledge) Name and write fractions from visual representations.	4.N.1.3. (Comprehension) Use a number line to compare numerical value of fractions or mixed numbers (fourths, halves and thirds).	5.N.1.3. (Knowledge) Identify alternative representations of fractions and decimals involving tenths, fourths, halves, and hundredths.
	4.N.1.4. (Application) Interpret negative integers in temperature.	5.N.1.4. (Comprehension) Locate negative integers on a number line.
		5.N.1.5. (Comprehension) Determine the squares of numbers 1 – 12.

Indicator 2: Apply operations within the set of real numbers.

Third Grade	Fourth Grade	Fifth Grade
3.N.2.1. (Application) Add and subtract whole numbers up to three digits and multiply two digits by one digit.	4.N.2.1. (Application) Find the products of two-digit factors and quotient of two natural numbers using a one-digit divisor.	5.N.2.1. (Application) Find the quotient of whole numbers using two-digit divisors.

	4.N.2.2. (Application) Add and subtract decimals with the same number of decimal places.	5.N.2.2. (Application) Determine equivalent fractions including simplification (lowest terms of fractions).
		5.N.2.3. (Application) Multiply and divide decimals by natural numbers (1 – 9).

Indicator 3:   Develop conjectures, predictions, or estimations in the process of problem solving and verify or justify the results.

Third Grade	Fourth Grade	Fifth Grade
3.N.3.1. (Application) Round two-digit whole numbers to the nearest ten and three-digit whole numbers to the nearest hundred.	4.N.3.1. (Application) Estimate sums and differences in whole numbers and money to determine if a given answer is reasonable.	5.N.3.1. (Application) Use different estimation strategies to solve problems involving whole numbers, decimals, and fractions to the nearest whole number.